Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A projector comprising:

a light source device;

an optical modulator that modulates ~~the~~ light flux emitted from the light source device according to image information; ~~and~~

a projection optical system that projects the light flux modulated by the optical modulator in an enlarged ~~manner,~~manner; and ~~further comprising~~

an exhaust fan that exhausts ~~the air~~air inside the projector outside ~~,~~;

the exhaust fan ~~is~~ being a centrifugal fan that exhausts the air sucked from the direction of a rotary shaft of the fan in the tangential direction of the rotation, and

an inlet of the centrifugal fan ~~is~~ disposed along ~~the plane~~a plane orthogonal to the optical path plane formed by the light source device, the optical modulator, and the projection optical system.

2. (Currently Amended) ~~A~~ The projector according to Claim 1, ~~wherein~~ the inlet of the centrifugal fan ~~is~~ being disposed in an inclined manner to ~~the optical~~an optical axis of illumination of the light flux emitted from the light source device.

3. (Currently Amended) ~~A~~ The projector according to Claim 2, ~~wherein~~ the inlet of the centrifugal fan ~~is~~ being disposed closer toward ~~the~~ an emitting direction of the light flux from the light source device.

4. (Currently Amended) ~~A~~ The projector according to ~~any one of Claims 1 to 3~~Claim 1, further ~~comprising~~comprising:

a lamp drive block that drives the light source device and/or a power source block that supplies the power to the lamp drive block, ~~and~~

~~wherein~~ the centrifugal fan ~~is~~ being disposed between the light source device and the lamp drive block and/or the power source block.

5. (Currently Amended) ~~A~~ The projector according to Claim 4,

~~wherein~~ the centrifugal fan ~~is~~ being disposed on ~~any~~ an end of the lamp drive block and/or the power source block,

~~and~~ wherein an air intake fan that sucks cooled air from the outside is disposed on another end facing the ~~any~~ end.

6. (Currently Amended) ~~A~~ The projector according to Claim 5,

~~wherein~~ an ~~inlet from~~inlet, from which the outside air is sucked ~~inside is~~inside, being formed on an exterior case to accommodate the light source device, the optical modulator, and the projection optical system, and

~~wherein~~ the air intake fan ~~is~~ being disposed in an inclined manner to the inlet.

7. (Currently Amended) ~~A~~ The projector according to ~~any one of Claims 1 to 6~~Claim 1,

~~wherein~~ an ~~outlet which~~outlet, which is located in ~~the projecting~~a projecting direction of the light flux from the projection optical system and exhausts the inside air ~~outside is~~outside, being formed on the exterior case to accommodate the light source device, the optical modulator, and the projection optical system, and

~~wherein~~ the centrifugal fan ~~exhausts~~ exhausting the inside air in ~~the direction~~a direction separating from the projecting direction of the light ~~flux from~~flux, from the projection optical system via the outlet.

8. (Currently Amended) ~~A~~ The projector according to ~~any one of Claims 1 to 7~~Claim 1,

~~wherein~~ the light source device, the optical modulator, and the projection optical system ~~are~~ being accommodated in a casing for optical components which is substantially U-shaped in plan view.